

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "DATA CHECKSUM METHOD AND APPARATUS", the specification of which

 X is attached hereto.

 was filed on as Application Serial No.

and was amended by on .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications			Priority Claimed	
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

_____	_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Provisional Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)

(Filing Date)

(Status)

(Application Serial No.)

(Filing Date)

(Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

On behalf of Quantum Corporation, Assignee of my entire right, title and interest, I hereby appoint the following attorney(s) and/or agent(s) with full power of substitution to act exclusively for Quantum Corporation to prosecute this application and transact all

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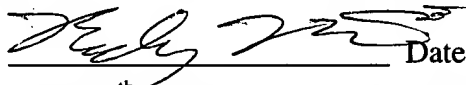
business in the Patent and Trademark Office connected therewith: Jonathan B. Penn, Reg. No. 32,587; John C. Chen, Reg. No. 39,136; and Henry J. Groth, Reg. No. 39,696.

All correspondence should be addressed to:

John C. Chen
Patent Law Manager
Quantum Corporation
500 McCarthy Boulevard
Milpitas, California 95035

All telephone calls should be directed to John C. Chen, telephone number (408) 894-4191.

Full Name of Sole Inventor: RODNEY VAN METER III

Inventor's Signature: 

Date: 10/15/89

Inventor's Residence: 40 W. 4th Avenue, San Mateo, California 94402

Citizenship: United States of America

Post Office Address: Same as residence address above.

**POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. ¶ 3.71 AND
CERTIFICATION UNDER 37 C.F.R 3.73(b)**

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

1. The undersigned assignee of the entire interest in the application for Letters Patent for the invention entitled: DATA CHECKSUM METHOD AND APPARTUS

 X attached hereto

 Serial No. Filed:

hereby appoints JONATHAN B. PENN, Registration No. 32,587, JOHN C. CHEN, Registration No. 39,136, and HENRY J. GROTH, Registration No. 39,696, its attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor(s) and his or her attorney(s) in accordance with the provisions of 37 C.F.R. ¶ 3.71.

Please direct all communications relative to this application to the following addressee:

John C. Chen
Quantum Corporation
500 McCarthy Blvd.
Milpitas, California 95035

Telephone (408) 894-4191
FAX (408) 324-7005

2. Quantum Corporation, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

 A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

_____ B. A chain of title from the inventor(s) of Application No. _____ filed
, to the current assignee of the instant application as shown below:

X Copies of assignments or other documents in the chain of title are enclosed
herewith.

The undersigned has reviewed all the documents in the chain of title of the instant
application, and, to the best of undersigned's knowledge and belief, title of the instant
application is in the assignee identified above.

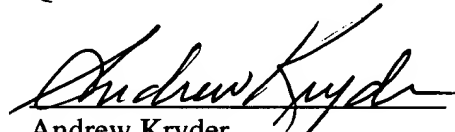
The undersigned, whose title is supplied below, is empowered to sign this
certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true
and that all statements made on information and belief are believed to be true; and
further that these were made with the knowledge that willful false statements and the like
so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18
of the United States Code and that such willful false statements may jeopardize the
validity of the application or any patent issued thereon.

QUANTUM CORPORATION

Dated: 11-11-99

By:


Andrew Kryder
Assistant Secretary

66211-9426460